

### **ABSTRACT OF THE DISCLOSURE**

A PBX connected to a public exchange includes a separate caller ID service unit for providing a caller ID and/or a system tone by performing a digital signal process. To display the caller ID on a receiver terminal, or caller ID phone, a line is established with the PBX through general switched telephone network, and a CID received through the line is converted and stored in the caller ID service block mounted with at least one memory through a switching block, under control by a control block. Then, the control block transmits all or part of the stored CIDs to the caller ID phone through the switching block and/or a subscriber line convergency unit.